

#11

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office		Docket N.: SCRIP1210-2	Application No.: 09/738,954
Applicants: Cravatt et al.			
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date: December 15, 2000	Group Art Unit 1641 RECEIVED

JUN 20 2002

JUN 11 2002

JC24

U.S. PATENT DOCUMENTS

TECH CENTER 1600/2900

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE

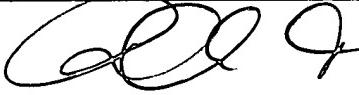
FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATIO N (YES/NO)
MCG	AA	WO 00/00823	01/06/2000	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

MCG	AB	Bogyo, Matthew et al., "Covalent Modification of the Active Site Threonine of Proteasomal β Subunits and the <i>Escherichia Coli</i> Homolog HsIV By a New Class of Inhibitors," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 94, June 1997, pages 6629-6634.
↓	AC	Gygi, Steven P. et al., "Quantitative Analysis of Complex Protein Mixtures Using Isotope-Coded Affinity Tags," <i>Nature Biotechnology</i> , Vol. 17, October 1999, pgs. 994-999.
MC6	AD	Liu, Yongsheng et al., "Activity-Based Protein Profiling: The Serine Hydrolases," <i>Proceedings of the National Academy of Sciences of USA</i> , Vol. 96, No. 26, December 21, 1999, pgs. 14694-14699.

COPY OF PAPERS
ORIGINALLY FILED

EXAMINER 	DATE CONSIDERED 12/13/02
---	-----------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form 1449

#15

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office		Docket No. SCRIP1210-2 Applicant(s): Benjamin F. Cravatt, et al.	Serial No.: 09/738,954 Filing Date: December 15, 2000
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Group Art Unit: 1708	Examiner Name: Tran, M.

NOV 29 2002

U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
MCG	AA	4,433,051	02/21/84	Gilad et al.			
	AB	5,721,099	02/24/98	Still et al.			
	AC	5,789,172	08/04/98	Still et al.			
	AD	6,001,579	12/14/99	Still et al.			
	AE	60/212,891	04/10/00	Cravatt et al.			
	AF	60/195,954	06/20/00	Cravatt			
	AG	6,114,114	09/05/00	Seilhamer et al.			
	AH	6,132,969	10/17/00	Stoughton et al.			
↓	AI	6,277,583 B1	08/21/01	Krantz et al.			
MCG	AJ	6,403,324 B1	06/11/02	Krantz et al.			

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)
MCG	AK	WO 00/11208	02.03.00	PCT			
MCG	AL	WO 00/00823	06.01.00	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

MCG	AM	Bei et al., "Generation, Purification, and Characterization of Recombinant Source of Human Prostate-Specific Antigen," J. Clin. Lab. Anal., Vol. 9, pp 261-268 (1995)
↓	AN	Burbaum et al., "A Paradigm for Drug Discovery Employing Encoded Combinatorial Libraries," Proc. Natl. Acad. Sci. USA, Pharmacology, Vol. 92, pp 6027-6031 (1995)
MCG	AO	Carlsen et al., "A Greatly Improved Procedure for Ruthenium Tetraoxide Catalyzed Oxidations of Organic Compounds," J. Org. Chem., Vol. 46, No. 19, pp 3936-38 (1981)

EXAMINER		DATE CONSIDERED
----------	---	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

#15

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office		Docket No. SCRIP1210-2	Serial No.: 09/738,954
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicant(s): Benjamin F. Cravatt, et al.	Filing Date: December 15, 2000
		Group Art Unit: 1708	Examiner Name: Tran, M.

NOV 29 2002 <i>MCF</i>	CAP	Chaurand et al., "Peptide and Protein Identification by Matrix Assisted Laser Desorption Ionization (MALDI) and (MALDI-Post-Source Decay Time-of-Flight Mass Spectrometry," J. Am. Soc. Mass. Spectrom., Vol. 10, pp 91-103 (1999)
TRADEMARK DEC 03 2002 <i>RECEIVED</i>	AQ	Cravatt et al., "Molecular Characterization of an Enzyme that Degrades Neuromodulatory Fatty-Acid Amides," Nature, Vol. 384, pp 83-87 (1996)
TC 1700 DEC 03 2002 <i>RECEIVED</i>	AR	Deutsch et al., "Methyl Arachidonyl Fluorophosphonate: A Potent Irreversible Inhibitor of Anandamide Amidase," Biochem. Pharmacol., Vol. 53, pp 255-260 (1997)
DEC 04 2002 <i>4 CENTER 1600/3000</i>	AS	Dominici et al., "Affinity labeling of Pig Kidney 3,4-Dihydroxyphenylalanine (Dopa)Decarboxylase with N-(bromacetyl)pyridoxamine 5'-Phosphate," Eur. J. Biochem, Vol 201, pp 393-397 (1991)
DEC 04 2002 <i>RECEIVED</i>	AT	DeClerck et al., "Proteases and Protease Inhibitors in Tumor Progression," Adv. Exp. Med. Biol., Vol. 425, pp 89-97 (1997)
DEC 04 2002 <i>RECEIVED</i>	AU	Eisen et al., "Cluster Analysis and Display of Genome-wide Expression Patterns," Proc. Natl. Acad. Sci. USA, Genetics, Vol. 95, pp 14863-14868 (1998)
DEC 04 2002 <i>RECEIVED</i>	AV	Giang and Cravatt, "Molecular Characterization of Human and Mouse Fatty Acid Amide Hydrolases," Proc. Natl. Acad. Sci. USA, Biochemistry, Vol. 94, pp 2238-2242 (1997)
DEC 04 2002 <i>RECEIVED</i>	AW	Glynn et al., "Synthesis and Characterization of a Biotinylated Organophosphorus Ester for Detection and Affinity Purification of a Brain Serine Esterase: Neurophathy Target Esterase," Biochem. Jr., Vol. 301, pp. 551-556 (1994)
	AX	Ishikawa et al., "Prediction of the Coding Sequences of Unidentified Human Genes, VIII. 78 New cDNA Clones from Brain Which Code for Large Proteins in vitro" DNA Research, Vol. 4 (5), pp. 307-313 (1997)
	AY	Kam et al., "Biotinylated Isocoumarins, New Inhibitors and Reagents for Detection, Localization, and Isolation of Serine Proteases", Bioconjugate Chem.-Amer. Chem. Society, Vol. 4 (6), pp. 560-567 (1993)
	AZ	Gregory J. Kato, Human Genetic Diseases of Proteolysis", Hum. Mutat., Vol. 13, pp 87-98. (1999)
✓	BA	Karr et al., "The Presence of Prostate-Specific Antigen-related genes in Primates and the Expression of Recombinant Human Prostate-Specific Antigen in a Transfected Murine Cell Line," Cancer Res., Vol. 55, pp. 2455-2462 (1995)
<i>MCF</i>	BB	Keshavarz-Shokri et al., "Identification of Serine Esterases in Tissue Homogenates," Anal. Bioche., Vol. 267, pp. 406-411 (1999)

EXAMINER	<i>DRD</i>	DATE CONSIDERED	<i>12/13/02</i>
----------	------------	-----------------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office		Docket No. SCRIP1210-2	Serial No.: 09/738,954
		Applicant(s): Benjamin F. Cravatt, et al.	Filing Date: December 15, 2000
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Group Art Unit: 1708	Examiner Name: Tran, M.

NOV 11 2002

<i>NOV 11 2002</i>	BC	Kobayashi et al., "Cloning and Sequence Analysis of a Rat Liver cDNA Encoding Acyl-peptide Hydrolase," J. Biol. Chem., Vol. 264 (15), pp. 8892-8899 (1989)
<i>NOV 11 2002</i>	BD	Eli et al., "Activity-based protein profiling: The serine hydrolases," PNAS, Vol. 96, No. 26, pp. 14694-14699 (1999) Duplicate of PTO-1449 #11 of 6/11/02
<i>M 06</i>	BE	MacDonald et al., "Disparate Tissue-specific Expression of Members of the Tissue Kallikrein Multigene Family of Rat," J. Biol. Chem., Vol. 271 (23), pp. 13684-90 (1996)
<i>TC 1700</i>	BF	Mueller et al., "Investigation of the ATP Biding Site of <i>Escherichia coli</i> Aminoimidazole Ribonucleotide Synthetase Using Affinity Labeling and Site-Directed Mutagenesis," Biochemistry, Vol. 38 (31), pp. 9831-9839 (1999)
<i>DEC 03 2002</i>	BG	Monsees et al., "Protease-Protease Inhibitor Interactions in Sertoli Cell-Germ Cell Crosstalk", Adv. Exp. Med. Biol., Vol. 424, pp. 111-123 (1997)
<i>DEC 04 2002</i>	BH	Ohlmeyer et al., "Complex Synthetic Chemical Libraries Indexed with Molecular Tags", Proc. Natl. Acad. Sci. USA, Chemistry, Vol. 90, pp. 10922-10926 (1993)
<i>CH CENTER 1000/2900</i>	BI	Patricelli et al., "Comparative Characterization of a Wild Type and Transmembrane Domain-Deleted Fatty Acid Amide Hydrolase: Identification of the Transmembrane Domain as a Site for Oligomerization," Biochemistry, Vol. 37 (43), pp 15177-15187 (1998)
<i>DEC 04 2002</i>	BJ	Patricelli et al., "Chemical and Mutagenic Investigations of Fatty Acid Amide Hydrolase: Evidence for Family of Serine Hydrolases with Distinct Catalytic Properties," Biochemistry, Vol. 38 (31), pp 9804-9812 (1999)
	BK	Penzes, et al., "Enzymatic Characteristics of Retinal Dehydrogenase Type I Expressed in <i>Escherichia Co/i</i> ," Biochem. Biophys. Acta, Vol. 1342, pp 175-181 (1997)
	BL	Polascik, T., "Prostate Specific Antigen: A Decade of Discovery – What We Have Learned and Where We Are Going," The J. of Urology, 162:293-306 (1999)
	BM	Molecular Cloning: A Laboratory Manual, 3rd Edition, Cold Spring Harbor Press, Cold Spring Harbor, NY(2001) Table of Contents
	BN	Scaloni et al., "Acylpeptide Hydrolase: Inhibitors and Some Active Site Residues of the Human Enzyme," J. Biol. Chem., Vol. 267 (6), pp 3811-3818 (1992)
✓	BO	Schriemer et al., "MALDI Mass Spectrometry Combined with AvidinBiotin Chemistry for Analysis of Protein Modifications," Anal. Chem. 70., pp 1569-1575 (1998)
<i>WCS</i>	BP	Vosburg, et al., "A Concise Synthesis of Fumagillol," Angew. Chem. Int. Ed., 38(7), 971-974 (1999)

EXAMINER <i>Rex</i>	DATE CONSIDERED <i>12/13/02</i>
------------------------	------------------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

#15

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office		Docket No. SCRIP1210-2	Serial No.: 09/738,954
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicant(s): Benjamin F. Cravatt, et al.	Filing Date: December 15, 2000
		Group Art Unit: 1708	Examiner Name: Tran, M.

O I P E S C O
P A T E N T & T R A D E M A R K C O M M I S S I O N

<i>KL</i>	BQ	Wang et al., "Cloning of cDNA Encoding an Aldehyde Dehydrogenase and Its Expression in <i>Escherichia Coli</i> ," J. Biol. Chem., Vol. 271, No. 27, pp 16288-16293 (1996)
<i>✓</i>	BR	Winkler et al., "Characterization, Application and Potential Uses of Biotin-Tagged Inhibitors for Lymphocyte Serine Proteases (Granzymes)," Mol. Immunol., Vol. 33, No. 7-8: 615-623 (1996)
<i>✓</i>	BS	Ward et al., "Covalent Modification of Protein Kinase C Isozymes by the Inactivating Peptide Substrate Analog N-Biotinyl-Arg-Arg-Cys-Leu-Arg-Arg-Leu," J. Biol. Chem., Vol. 271, No. 39, pp 24193-24000 (1996)
<i>✓</i>	BT	Yoshimoto et al., "Protease II from <i>Moraxella lacunata</i> : Cloning, Sequencing, and Expression of the Enzyme Gene, and Crystallization of the Expressed Enzyme," J. Biochem., Vol. 117, pp 654-660 (1995)
<i>huc6</i>	BU	Yoshida et al., "Human Aldehyde Dehydrogenase Gene Family," Eur. J. Biochem., Vol. 251, pp. 549-557 (1998)

RECEIVED
DEC 04 2002
TECH CENTER 1600/2900

RECEIVED
DEC 03 2002
TC 1700

EXAMINER <i>EOQ</i>	DATE CONSIDERED 12/13/02
------------------------	-----------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.